PTO/SB/21 (09-04)

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OFMER		Application Number	10/814,981	
TRANSMITTAL		Filing Date	March 30, 2004	
FORM		First Named Inventor	Tae-Woong Koo et al.	
1 013101		Art Unit	2877	
(to be used for all correspondence after initia	al filing)	Examiner Name	TBD	
Total Number of Pages in This Submission	33	Attorney Docket Number	INTEL1490(P18518)	

	ENCLOSURES (Check all that apply)	
Fee Transmittal Form	Drawing(s)	After Allowance Communication to TC
Fee Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences
Amendment/Reply After Final	Petition  Petition to Convert to a Provisional Application	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Proprietary Information
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address	Status Letter
Extension of Time Request	Terminal Disclaimer	Other Enclosure(s) (please Identify below):
Express Abandonment Request	Request for Refund	1. PTO Form 1449 (2 pgs.) 2. References (4)
Information Disclosure Statement	CD, Number of CD(s)	Return Receipt Postcard
Certified Copy of Priority Document(s)	Landscape Table on CD	
Response to Missing Parts/ Incomplete Application		
Response to Missing Parts under 37 CFR 1.52 or 1.53		
<u></u>	<u> </u>	
	URE OF APPLICANT, ATTORNEY, OF	RAGENT
Firm Name DLA PIPER RUDNICK O	GRAY CARY US LLP	
	<del>7 / </del>	
Signature		
Printed name Michael P. Reed, J.D., P		
Date March 30, 2005	Reg.	No. 45,647
CEI	RTIFICATE OF TRANSMISSION/MAIL	ING
I hereby certify that this correspondence is being sufficient postage as first class mail in an envelopment of the date shown below.	g facsimile transmitted to the USPTO or deposited ope addressed to: Commissioner for Patents, P.O.	d with the United States Postal Service with Box 1450, Alexandria, VA 22313-1450 on
Signature Hay	* Karden	
Typed or printed name Karin E. Harden		Date March 30, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



**PATENT** ATTORNEY DOCKET NO.: INTEL1490(P18518)

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Tae-Woong Koo et al.

Art Unit: 2877

Serial No.:

10/814,981

Confirmation No.: 8675

Examiner: TBD

Filed:

March 30, 2004

Title:

METHOD TO DETECT MOLECULAR BINDING BY SURFACE-ENHANCED

RAMAN SPECTROSCOPY

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.97, enclosed are references relating to the aboveidentified application. For the convenience of the Examiner, the references are listed on the attached Form PTO-1449 and a copy of the references are enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

#### **CERTIFICATION UNDER 37 C.F.R. § 1.8**

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service with sufficient postage as first class mail on this date, March 30, 2005, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Karin E. Harden

March 30, 2005

(Sighature)

(Date)

In re: Applicant of

Tae-Woong Koo et al.

Application No. 10/814,981

Filed: March 30, 2004

Page 2

PATENT ATTORNEY DOCKET NO.: INTEL1490(P18518)

No fee is deemed necessary in connection with the filing of this Information Disclosure

Statement, because it is being filed prior to the mailing of a first office action on the merits of the

above-identified application. However, if any fee is required, authorization is hereby given to

charge the amount of any such fee, or credit any overpayment, to Deposit Account No. 07-1896.

Respectfully submitted,

Dated: March 30, 2005

Michael P. Reed, J.D., Ph.D. Registration No. 45,647

Telephone: (858) 638-6754 Facsimile: (858) 677-1465

USPTO CUSTOMER NO. 28213 DLA PIPER RUDNICK GRAY CARY US LLP 4365 Executive Drive, Suite 1100 San Diego, California 92121-2133

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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		of	2	

Complete if Known		
Application Number	10/814,981	
Filing Date	March 30, 2004	
First Named Inventor	Tae-Woong Koo et al.	
Art Unit	2877	
Examiner Name	TBD	
Attorney Docket Number	INTEL1490(P18518)	

			U. S. PATENT [	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	us-5,401,511	03/28/1995	Margalit	
	AB	us-5,603,872	02/18/1997	Margalit	
	AC	us-6,514,767 B1	02/04/2003	Natan	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
caminer gnature				Date Considered		

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 2

Complete if Known Application Number 10/814,981 Filing Date March 30, 2004 First Named Inventor Tae-Woong Koo et al. Art Unit 2877 Examiner Name **TBD** Attorney Docket Number INTEL1490(P18518)

		NON PATENT LITERATURE DOCUMENTS		
Examiner ( nitials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	AA	Feldheim, "Assembly of Metal Nanparticle Arrays Using Molecular Bridges", The Electrochemical Society Interface, 2001, pp. 22-25		
,	AB	Mueller et al., "CARS microscopy with folded BoxCARS phasematching", Journal of Microscopy", Vol. 197, Pt. 2, 2000, pp. 150-158		
,	AC	Doering et al., "Spectroscopic Tags Using Dye-Embedded Nanoparticles and Surface-Enhanced Raman Scattering", Nat. Phys. Sci., 1973, Vol 241, pp. 22-24		
,	AD	Mulvaney et al., "Glass-Coated, Analyte-Tagged Nanoparticles: A New Tagging System Based on Detection with Surface-Enhanced Raman Scattering", Langmuir, 2003, Vol. 19, pp. 4784-4790		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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